

5

ABSTRACT

The quality of a broadcast stream is varied responsive to changes in the utilization of forward link air interface resources. The network monitors utilization of forward link air interface resources and dynamically changes the forward link air interface resources dedicated to the broadcast stream responsive to changes in the utilization of forward link air interface resources. The quality of the broadcast stream is scaled to the allocated forward link resources. The broadcast stream may include a layered content and scaling can be achieved by varying the number of layers transmitted over the air interface. The network may notify mobile stations in advance when changes in the quality of the broadcast will take place. When the broadcast stream originates with a mobile station, the forward link air interface resources may be limited by the quality of the broadcast stream transmitted over a reverse link channel from the originating mobile station.

20